

Fig. 1

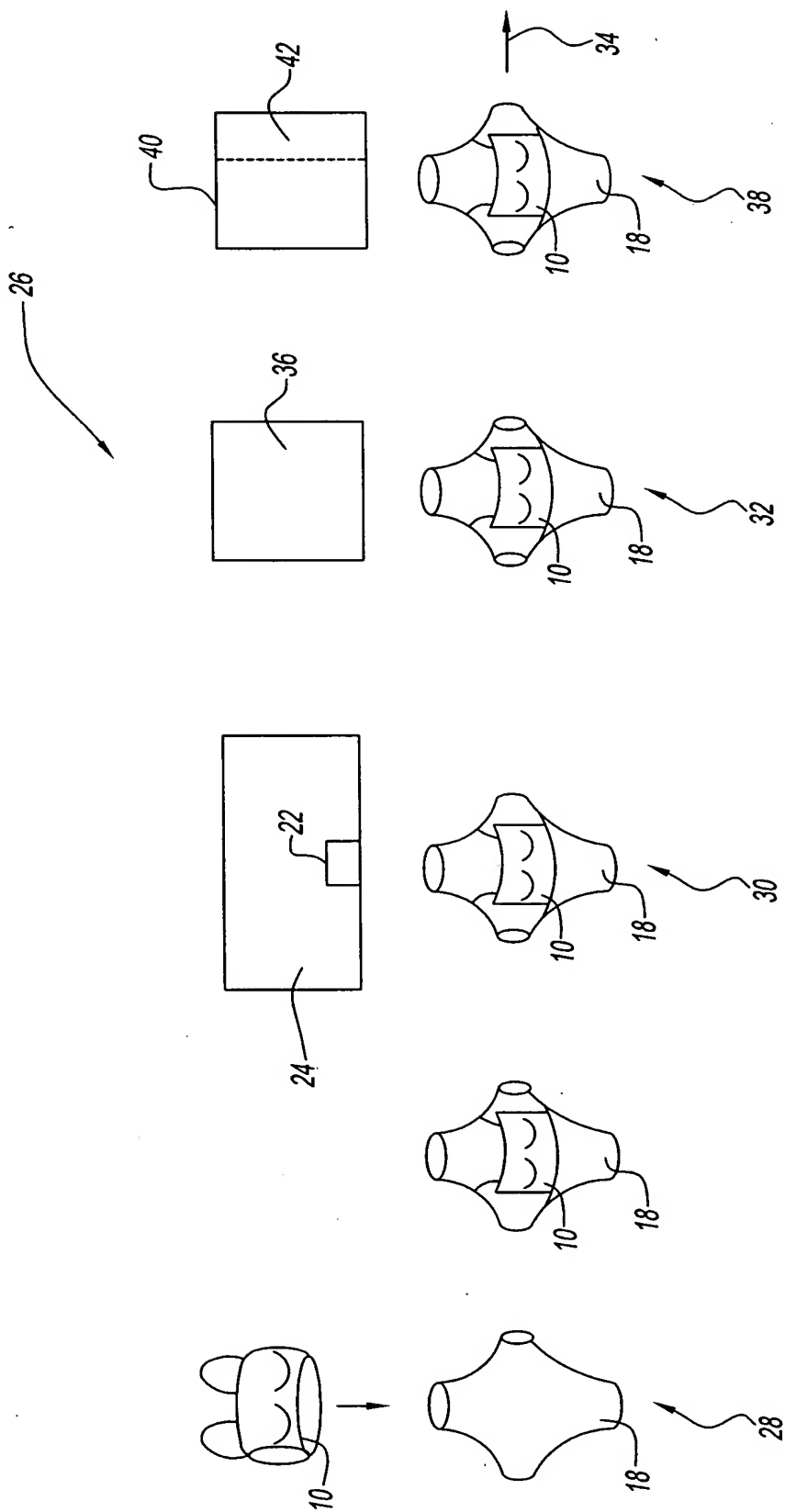


Fig. 2

Test No.	Application Parameters					Gun-Target	Dye Concentrate	Thickener	Wetting Agent	Acid regulator	Steam Hood	Autoclave
	Fan Air Bar	Atom Air Bar	Fluid flow rate cc/min	Robot speed mm/sec	Overlap %							
1	1.5	2	1000	600	50	150	5	0	6	2	0	5
2	1.5	2	1000	600	50	150	5	0	6	2	5	0
3	1.5	2	1000	600	50	150	5	0	6	2	1	5
4	1.5	2	1000	600	50	150	5	0	6	2	1	0
5	1.5	2	1000	600	50	150	10	0	6	2	0	5
6	1.5	2	1000	600	50	150	10	0	6	2	5	0
7	1.5	2	1000	600	50	150	20	0	6	2	0	5
8	1.5	2	1000	600	50	150	20	0	6	2	5	0
9	1.5	2	1000	600	50	150	20	0	6	2	5	0
10	1.5	2	1000	600	50	150	20	0	6	2	10	5
11	1.5	2	800	600	50	150	10	0	6	2	0	5
12	1.5	2	800	600	50	150	10	0	6	2	5	0
13	1.5	2	800	600	50	150	20	0	6	2	0	5
14	1.5	2	800	600	50	150	20	0	6	2	5	0
15	1.5	2	600	600	50	150	20	0	6	2	0	1
16	1.5	2	600	600	50	150	20	0	6	2	0	5
17	1.5	2	600	600	50	150	20	0	6	2	5	0
18	1.5	2	600	600	50	150	20	0	6	2	10	0
19	1.5	2	600	600	50	150	20	0	6	2	0	0

Fig. 3